

=> file ca

=> s' (cross(2a)incompat?)/ab,bi

L1 57 (CROSS(2A)INCOMPAT?)/AB,BI

=> s teosinte/ab,bi

L2 142 TEOSINTE/AB,BI

=> s l1 and l2

L3 0 L1 AND L2

=> file biosis

=> s l3

L4 2 L1 AND L2

=> d l4 1-2

L4 ANSWER 1 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 2002:261732 BIOSIS

ON PREV200200261732

TI \*\*\*Teosinte\*\*\* crossing barrier1, a locus governing hybridization of  
\*\*\*teosinte\*\*\* with maize.

AU Evans, M. M. S.; Kermicle, J. L. (1)

CS (1) Laboratory of Genetics, University of Wisconsin-Madison, 445 Henry  
Mall, Madison, WI, 53706: kermicle@facstaff.wisc.edu USA

SO Theoretical and Applied Genetics, (August, 2001) Vol. 103, No. 2-3, pp.  
259-265. <http://link.springer.de/link/service/journals/00122/>. print.

ISSN: 0040-5752.

OT Article

LA English

L4 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 1995:341228 BIOSIS

ON PREV199598355528

TI A cross between two maize relatives: *Tripsacum dactyloides* and *Zea  
diploperennis* (Poaceae).

AU Eubanks, Mary

CS Dep. Botany, Duke Univ., Durham, NC 27708-0338 USA

SO Economic Botany, (1995) Vol. 49, No. 2, pp. 172-182.

ISSN: 0013-0001.

OT Article

LA English

=> d l4 2 ab

=> file ca

=> s (teosinte or diploperennis)/ab,bi

L5 175 (TEOSINTE OR DIPLOPERENNIS)/AB,BI

=> s l1 and l5

L6 0 L1 AND L5

99/824, 279

CAS

Biosis

USPat 11

9/27/02

have;  
too late

✓  
rd  
9/27  
DTF

file biosis

s 16

2 L1 AND L5

s 17 not 14

0 L7 NOT L4

file ca

s (cross?(a)barrier?)/ab,bi  
542 (CROSS?(A)BARRIER?)/AB,BI

s 19 and 15

0 1 L9 AND L5

file biosis

s 110

1 1 L9 AND L5

dup rem

2 1 DUP REM L10 L11 (1 DUPLICATE REMOVED)

d 112

2 ANSWER 1 OF 1 CA COPYRIGHT 2002 ACS  
136:337822 CA

DUPLICATE 1

*have*

\*\*\*Teosinte\*\*\* \*\*\*crossing\*\*\* \*\*\*barrier1\*\*\* , a locus  
governing hybridization of \*\*\*teosinte\*\*\* with maize  
Evans, M. M. S.; Kermicle, J. L.  
Laboratory of Genetics, University of Wisconsin-Madison, Madison, WI,  
53706, USA  
Theoretical and Applied Genetics (2001), 103(2-3), 259-265  
CODEN: THAGA6; ISSN: 0040-5752  
Springer-Verlag  
Journal  
English

s (gametophyt?(w)factor? or ga1 or ga(w)1)/ab,bi

3 6546 (GAMETOPHYT?(W) FACTOR? OR GA1 OR GA(W) 1)/AB,BI

s (corn or maize or zea)/ab,bi

4 218998 (CORN OR MAIZE OR ZEA)/AB,BI

s 113 and 114

5 135 L13 AND L14

s 113(10a)114

6 50 L13(10A) L14

file biosis

s, l16

7 27 L13(10A)L14

dup rem

8 36 DUP REM L16 L17 (41 DUPLICATES REMOVED)

d l18 ti py

d l18 2-36 ti py

d l18 8 17 27 33-36

8 ANSWER 8 OF 36 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE

5

1994:537 BIOSIS

PREV199497013537

The \*\*\*gametophyte\*\*\* \*\*\*factors\*\*\* of \*\*\*maize\*\*\* .

Nelson, Oliver E.

Univ. Wis., Dep. Genetics, Madison, WI 53706 USA

Freeling, M. [Editor]; Walbot, V. [Editor]. (1994) pp. 496-503. The maize handbook.

Publisher: Springer-Verlag New York, Inc. 175 Fifth Avenue, New York, New York 10010, USA.

ISBN: 0-387-97826-7, 3-540-97826-7.

Book

English

8 ANSWER 17 OF 36 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE

14

1989:160103 BIOSIS

BA87:82204

INTRODUCTION OF GAMETOPHYTE GENE \*\*\*GA1\*\*\* INTO THE GENOTYPE OF HIGH-LYSINE \*\*\*MAIZE\*\*\* .

PODOL'SKAYA A P

N.I. VAVILOV ALL-UNION RES. INST. PLANT GROW., LENINGRAD, USSR.

GENETIKA, (1988) 24 (8), 1427-1431.

CODEN: GNKAA5. ISSN: 0016-6758.

BA; OLD

Russian

8 ANSWER 27 OF 36 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE

21

1985:229317 BIOSIS

BA79:9313

SELECTIVE FERTILIZATION IN \*\*\*MAIZE\*\*\* \*\*\*ZEA\*\*\* -MAYS 3.

INDEPENDENCE OF \*\*\*GAMETOPHYTE\*\*\* \*\*\*FACTORS\*\*\* ON SUPERIORITY OF POLLEN GRAINS FROM F-1 PLANTS.

YAMADA M

DEP. OF CELL BIOL., NATIONAL INST. OF AGROBIOLOGICAL RESOURCES, KAN-NONDAI, YATABE, TSUKUBA, IBARAKI 305, JPN.

JPN J BREED, (1984) 34 (1), 9-16.

CODEN: IKZAAD. ISSN: 0536-3683.

BA; OLD

English

8 ANSWER 33 OF 36 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE

24

1972:119717 BIOSIS

N BA53:19717  
 I A NEW ALLELE OF \*\*\*GA\*\*\* - \*\*\*1\*\*\* -R THE GAMETOPHYTIC GENE OF THE  
 U 4TH CHROMOSOME OF \*\*\*MAIZE\*\*\* .  
 O MIRYUTA O K  
 S GENETIKA, (1971) 7 (6), 31-38.  
 A CODEN: GNKAA5. ISSN: 0016-6758.  
 BA; OLD  
 Unavailable

✓  
ad  
9/27

18 ANSWER 34 OF 36 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
 25  
 N 1971:162162 BIOSIS  
 N BA52:72162  
 I BEHAVIOR AND LINKAGE RELATIONSHIP OF \*\*\*GAMETOPHYTE\*\*\* \*\*\*FACTORS\*\*\*  
 IN CHROMOSOME-9 OF \*\*\*MAIZE\*\*\* -M.  
 U BIANCHI A; PARLAVECCHIO M R; RESTAINO F  
 O GENET AGR, (1970) 22 (4), 345-361.  
 S CODEN: GEAGAC. ISSN: 0016-6685.  
 A BA; OLD  
 Unavailable

✓  
ord  
9/27

18 ANSWER 35 OF 36 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
 26  
 N 1971:168092 BIOSIS  
 N BA52:78092  
 I \*\*\*GAMETOPHYTIC\*\*\* \*\*\*FACTORS\*\*\* IN ITALIAN \*\*\*CORN\*\*\* -M  
 U POPULATIONS.  
 O LORENZONI C  
 S GENET AGR, (1969) 22 (3), 309-321.  
 A CODEN: GEAGAC. ISSN: 0016-6685.  
 BA; OLD  
 Unavailable

✓  
ord  
9/27

18 ANSWER 36 OF 36 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
 27  
 N 1971:73228 BIOSIS  
 N BR07:73228  
 I HETEROZYGOSITY IN \*\*\*MAIZE\*\*\* -M MANTAINED THROUGH ENDOSPERM AND  
 U \*\*\*GAMETOPHYTE\*\*\* \*\*\*FACTORS\*\*\* .  
 O PARLAVECCHIO M R; BIANCHI A  
 S Eucarpia Congr. Assoc. Eur. Amelior. Plant., (1969) 5, 59-60.  
 A CODEN: EUCRA9. ISSN: 0071-2221.  
 BR; OLD  
 Unavailable

✓  
ord  
9/27

> d 116

> d 116 ti py 2-50

> d 116 28 36 43 47-50

16 ANSWER 28 OF 50 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 N 1994:537 BIOSIS  
 N PREV199497013537  
 I The \*\*\*gametophyte\*\*\* \*\*\*factors\*\*\* of \*\*\*maize\*\*\* .  
 J Nelson, Oliver E.  
 S Univ. Wis., Dep. Genetics, Madison, WI 53706 USA  
 O Freeling, M. [Editor]; Walbot, V. [Editor]. (1994) pp. 496-503. The maize  
 handbook.  
 Publisher: Springer-Verlag New York, Inc. 175 Fifth Avenue, New York, New

ord  
above

York 10010, USA.

ISBN: 0-387-97826-7, 3-540-97826-7.

Book

English

16 ANSWER 36 OF 50 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
1989:160103 BIOSIS  
BA87:82204  
INTRODUCTION OF GAMETOPHYTE GENE \*\*\*GA1\*\*\* INTO THE GENOTYPE OF  
HIGH-LYSINE \*\*\*MAIZE\*\*\*  
PODOL'SKAYA A P  
N.I. VAVILOV ALL-UNION RES. INST. PLANT GROW., LENINGRAD, USSR.  
GENETIKA, (1988) 24 (8), 1427-1431.  
CODEN: GNKAA5. ISSN: 0016-6758.  
BA; OLD  
Russian

16 ANSWER 43 OF 50 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
1985:229317 BIOSIS  
BA79:9313  
SELECTIVE FERTILIZATION IN \*\*\*MAIZE\*\*\* \*\*\*ZEA\*\*\* -MAYS 3.  
INDEPENDENCE OF \*\*\*GAMETOPHYTE\*\*\* \*\*\*FACTORS\*\*\* ON SUPERIORITY OF  
POLLEN GRAINS FROM F-1 PLANTS.  
YAMADA M  
DEP. OF CELL BIOL., NATIONAL INST. OF AGROBIOLOGICAL RESOURCES,  
KAN-NONDAI, YATABE, TSUKUBA, IBARAKI 305, JPN. *and above*  
JPN J BREED, (1984) 34 (1), 9-16.  
CODEN: IKZAAD. ISSN: 0536-3683.  
BA; OLD  
English

16 ANSWER 47 OF 50 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
1972:119717 BIOSIS  
BA53:19717  
A NEW ALLELE OF \*\*\*GA\*\*\* - \*\*\*1\*\*\* -R THE GAMETOPHYTIC GENE OF THE  
4TH CHROMOSOME OF \*\*\*MAIZE\*\*\* *and above*  
MIRYUTA O K  
GENETIKA, (1971) 7 (6), 31-38.  
CODEN: GNKAA5. ISSN: 0016-6758.  
BA; OLD  
Unavailable

16 ANSWER 48 OF 50 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. *and above*  
1971:168092 BIOSIS  
BA52:78092  
\*\*\*GAMETOPHYTIC\*\*\* \*\*\*FACTORS\*\*\* IN ITALIAN \*\*\*CORN\*\*\* -M  
POPULATIONS.  
LORENZONI C  
GENET AGR, (1969) 22 (3), 309-321.  
CODEN: GEAGAC. ISSN: 0016-6685.  
BA; OLD  
Unavailable

16 ANSWER 49 OF 50 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC. *and above*  
1971:162162 BIOSIS  
BA52:72162  
BEHAVIOR AND LINKAGE RELATIONSHIP OF \*\*\*GAMETOPHYTE\*\*\* \*\*\*FACTORS\*\*\*  
IN CHROMOSOME-9 OF \*\*\*MAIZE\*\*\* -M.  
BIANCHI A; PARLAVECCHIO M R; RESTAINO F  
GENET AGR, (1970) 22 (4), 345-361.  
CODEN: GEAGAC. ISSN: 0016-6685.  
BA; OLD  
Unavailable

16 ANSWER 50 OF 50 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
N 1971:73228 BIOSIS  
N BR07:73228  
I HETEROZYGOSITY IN \*\*\*MAIZE\*\*\* -M MANTAINED THROUGH ENDOSPERM AND  
\*\*\*GAMETOPHYTE\*\*\* \*\*\*FACTORS\*\*\*  
U PARLAVECCHIO M R; BIANCHI A  
O Eucarpia Congr. Assoc. Eur. Amelior. Plant., (1969) 5, 59-60.  
CODEN: EUCRA9. ISSN: 0071-2221.  
S BR; OLD  
A Unavailable

ord  
usual

> file uspatfull

> s l1 and l5

19 3 L1 AND L5

> d l19 1-3

19 ANSWER 1 OF 3 USPATFULL  
N 2002:134574 USPATFULL  
I \*\*\*Cross\*\*\* - \*\*\*incompatibility\*\*\* traits from \*\*\*teosinte\*\*\*  
and their use in corn  
N Kermicle, Jerry L., Cross Plains, WI, UNITED STATES  
Evans, Matthew M.S., Madison, WI, UNITED STATES  
Gerrish, Steven R., Elkhorn, WI, UNITED STATES  
I US 2002069435 A1 20020606  
I US 2001-821879 A1 20010330 (9)  
RAI US 2000-193082P 20000330 (60)  
T Utility  
S APPLICATION

instant

19 ANSWER 2 OF 3 USPATFULL  
N 1998:51901 USPATFULL  
I Method and materials for conferring tripsacum genes in maize  
N Eubanks, Mary Wilkes, 4110 Hulon Dr., Durham, NC, United States 27705  
I US 5750828 19980512  
I US 1995-524113 19950822 (8)  
LI Continuation of Ser. No. US 1994-248333, filed on 24 May 1994, now  
abandoned which is a continuation of Ser. No. US 1992-944389, filed on  
14 Sep 1992, now patented, Pat. No. US 5330547 which is a  
continuation-in-part of Ser. No. US 1990-613269, filed on 13 Nov 1990,  
now patented, Pat. No. US 7977 And Ser. No. US 1987-117096, filed on 4  
Nov 1987, now patented, Pat. No. US 6906

✓  
printed

19 ANSWER 3 OF 3 USPATFULL  
N 94:62011 USPATFULL  
I Methods and materials for conferring tripsacum genes in maize  
N Eubanks, Mary W., 4110 Hulon Dr., Durham, NC, United States 27705  
I US 5330547 19940719  
I US 1992-944389 19920914 (7)  
LI Continuation-in-part of Ser. No. US 1990-613269, filed on 13 Nov 1990,  
now patented, Pat. No. US 7977, issued on 15 Sep 1992

✓  
printed

> s l16

20 41 L13(10A) L14

> d l20 1-41 ti

> d 120 ab 7 32

> d 120 8

20 ANSWER 8 OF 41 USPATFULL

N 2002:134574 USPATFULL

I Cross-incompatibility traits from teosinte and their use in corn

N Kermicle, Jerry L., Cross Plains, WI, UNITED STATES

Evans, Matthew M.S., Madison, WI, UNITED STATES

Gerrish, Steven R., Elkhorn, WI, UNITED STATES

I US 2002069435 A1 20020606

I US 2001-821879 A1 20010330 (9)

RAI US 2000-193082P 20000330 (60)

T Utility

S APPLICATION

*instant*

> log y

TN INTERNATIONAL LOGOFF AT 19:44:40 ON 27 SEP 2002